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(54) Title: NEW METHOD

(57) **Abstract:** The present invention relates to a method for determining the sequence of a nucleic acid molecule comprising the steps of: a) providing a single-stranded form of said nucleic acid molecule; b) hybridizing a primer to said single stranded form of said nucleic acid molecule to form a template/primer complex; c) enzymatically extending the primer by the addition of a polymerase and a mixture of at least one nucleotide and at least one labeled derivative of the at least one nucleotide, wherein the at least one labeled derivative of the at least one nucleotide comprises a label linked to the nucleotide via a cleavable link and wherein the amount of labeled derivative of the at least one nucleotide in said mixture of the at least one nucleotide and the labeled derivative of the at least one nucleotide is within the range of 1-50 mole-%, 1-40 mole-%, 1-30 mole-%, or 1-20 mole-%. d) determining the type of nucleotide added to the primer; and e) repeating steps c) to d) at least once.

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